


```
LL      IIIIII  BBBB BBBB  EEEEEEEEE  222222  AAAAAA  RRRRRRRR  EEEEEEEEE  VV      VV
LL      IIIIII  BBBB BBBB  EEEEEEEEE  222222  AAAAAA  RRRRRRRR  EEEEEEEEE  VV      VV
LL      II      BB      BB  EE      EE  22      22  AA      AA  RR      RR  EE      EE  VV      VV
LL      II      BB      BB  EE      EE  22      22  AA      AA  RR      RR  EE      EE  VV      VV
LL      II      BB      BB  EE      EE  22      22  AA      AA  RR      RR  EE      EE  VV      VV
LL      II      BB      BB  EE      EE  22      22  AA      AA  RR      RR  EE      EE  VV      VV
LL      II      BB      BB  EE      EE  22      22  AA      AA  RR      RR  EE      EE  VV      VV
LL      II      BB      BB  EE      EE  22      22  AA      AA  RR      RR  EE      EE  VV      VV
LL      II      BB      BB  EE      EE  22      22  AA      AA  RR      RR  EE      EE  VV      VV
LL      II      BB      BB  EE      EE  22      22  AA      AA  RR      RR  EE      EE  VV      VV
LLLLLLLL  IIIIII  BBBB BBBB  EEEEEEEEE  2222222222  AA      AA  RR      RR  EEEEEEEEE  VV      VV
LLLLLLLL  IIIIII  BBBB BBBB  EEEEEEEEE  2222222222  AA      AA  RR      RR  EEEEEEEEE  VV      VV
```

```
LL      IIIIII  SSSSSSSS
LL      IIIIII  SSSSSSSS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SSSSSS
LL      II      SSSSSS
LL      II      SS
LL      II      SS
LL      II      SS
LL      II      SS
LLLLLLLL  IIIIII  SSSSSSSS
LLLLLLLL  IIIIII  SSSSSSSS
```


(2)	50	HISTORY	; Detailed Current Edit History
(3)	59	DECLARATIONS	
(4)	90	LIB\$AB_EBC_ASC_REV	

```
0000 1 .TITLE LIBSAB_EBC_ASC_REV Reversible EBCDIC to ASCII Trans. Table
0000 2 .IDENT /1=0027 ; File: LIBE2AREV.MAR
0000 3
0000 4
0000 5 *****
0000 6 *****
0000 7 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY *
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0000 23 * SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL. *
0000 24 *
0000 25 *
0000 26 *****
0000 27 *****
0000 28
0000 29 FACILITY: GENERAL-PURPOSE UTILITY
0000 30 ++
0000 31 ABSTRACT:
0000 32 This module contains the Reversible EBCDIC to ASCII translation
0000 33 table.
0000 34
0000 35
0000 36 --
0000 37
0000 38 VERSION: 1
0000 39
0000 40 HISTORY:
0000 41
0000 42 AUTHOR:
0000 43 Peter D Gilbert, 10-Feb-1981
0000 44
0000 45 MODIFIED BY:
0000 46
0000 47
0000 48
```


LIB\$AB_EBC_ASC_REV
1-002

Reversible EBCDIC to ASCII Trans. Table 15-SEP-1984 23:58:25 VAX/VMS Macro V04-00 Page 2
HISTORY ; Detailed Current Edit History 6-SEP-1984 11:05:56 [LIBRTL.SRC]LIBE2AREV.MAR;1 (2)

0000 50 .SBTTL HISTORY ; Detailed Current Edit History
0000 51
0000 52
0000 53 ; Edit History for Version 1
0000 54
0000 55 : 1-001 - Original. PDG 10-Feb-1981
0000 56 : 1-002 - Change names of module and table to current names.
0000 57 : RKR 23-DEC-1981.

```
0000 59 .SBTTL DECLARATIONS
0000 60
0000 61 :
0000 62 : INCLUDE FILES:
0000 63 : NONE
0000 64 :
0000 65 :
0000 66 :
0000 67 : EXTERNAL SYMBOLS:
0000 68 : NONE
0000 69 :
0000 70 :
0000 71 :
0000 72 : MACROS:
0000 73 : NONE
0000 74 :
0000 75 :
0000 76 :
0000 77 : PSECT DECLARATIONS:
0000 78 : .PSECT _LIB$CODE PIC, USR, CON, REL, LCL, SHR, EXE, RD, NOWRT
0000 79 :
0000 80 :
0000 81 : EQUATED SYMBOLS:
0000 82 : NONE
0000 83 :
0000 84 :
0000 85 :
0000 86 : OWN STORAGE:
0000 87 : NONE
0000 88 :
```



```
0000 90 .SBTTL LIB$AB_EBC_ASC_REV
0000 91
0000 92
0000 93 ++
0000 94 FUNCTIONAL DESCRIPTION:
0000 95 This is the Reversible EBCDIC to ASCII translation table based
0000 96 on ANSI X3.26 - 1970
0000 97
0000 98 All EBCDIC graphics are translated to the identical ASCII
0000 99 graphic except for:
0000 100
0000 101 EBCDIC graphic ASCII graphic
0000 102 -----
0000 103 cents sign [ (left square bracket)
0000 104 short vertical bar ! (exclamation point)
0000 105 logical not ^ (circumflex)
0000 106 ! (exclamation point) ] (right square bracket)
0000 107
0000 108
0000 109 Note that this translation table, unlike LIB$AB_EBC_ASC, is a
0000 110 one-to-one onto mapping. That is, it has a reverse translation,
0000 111 namely LIB$AB_ASC_EBC_REV.
0000 112
0000 113 --
0000 114
0000 115 LIB$AB_EBC_ASC_REV::
7F 86 09 9C 03 02 01 00 0000 116 .BYTE ^X00,^X01,^X02,^X03,^X9C,^X09,^X86,^X7F : 00-07
0F 0E 0D 0C 0B 8E 8D 97 0008 117 .BYTE ^X97,^X8D,^X8E,^X0B,^X0C,^X0D,^X0E,^X0F : 08-0F
87 08 85 9D 13 12 11 10 0010 118 .BYTE ^X10,^X11,^X12,^X13,^X9D,^X85,^X08,^X87 : 10-17
1F 1E 1D 1C 8F 92 19 18 0018 119 .BYTE ^X18,^X19,^X92,^X8F,^X1C,^X1D,^X1E,^X1F : 18-1F
1B 17 0A 84 83 82 81 80 0020 120 .BYTE ^X80,^X81,^X82,^X83,^X84,^X0A,^X17,^X1B : 20-27
07 06 05 8C 8B 8A 89 88 0028 121 .BYTE ^X88,^X89,^X8A,^X8B,^X8C,^X05,^X06,^X07 : 28-2F
04 96 95 94 93 16 91 90 0030 122 .BYTE ^X90,^X91,^X16,^X93,^X94,^X95,^X96,^X04 : 30-37
1A 9E 15 14 9B 9A 99 98 0038 123 .BYTE ^X98,^X99,^X9A,^X9B,^X14,^X15,^X9E,^X1A : 38-3F
A6 A5 A4 A3 A2 A1 A0 20 0040 124 .BYTE ^X20,^XA0,^XA1,^XA2,^XA3,^XA4,^XA5,^XA6 : 40-47
21 2B 28 3C 2E 5B A8 A7 0048 125 .BYTE ^XA7,^XA8,^X5B,^X2E,^X3C,^X28,^X2B,^X21 : 48-4F
AF AE AD AC AB AA A9 26 0050 126 .BYTE ^X26,^XA9,^XAA,^XAB,^XAC,^XAD,^XAE,^XAF : 50-57
5E 3B 29 2A 24 5D B1 B0 0058 127 .BYTE ^XB0,^XB1,^X5D,^X24,^X2A,^X29,^X3B,^X5E : 58-5F
B7 B6 B5 B4 B3 B2 2F 2D 0060 128 .BYTE ^X2D,^X2F,^XB2,^XB3,^XB4,^XB5,^XB6,^XB7 : 60-67
3F 3E 5F 25 2C 7C B9 B8 0068 129 .BYTE ^XB8,^XB9,^X7C,^X2C,^X25,^X5F,^X3E,^X3F : 68-6F
C1 C0 BF BE BD BC BB BA 0070 130 .BYTE ^XBA,^XBB,^XBC,^XBD,^XBE,^XBF,^XC0,^XC1 : 70-77
22 3D 27 40 23 3A 60 C2 0078 131 .BYTE ^XC2,^X60,^X3A,^X23,^X40,^X27,^X3D,^X22 : 78-7F
67 66 65 64 63 62 61 C3 0080 132 .BYTE ^XC3,^X61,^X62,^X63,^X64,^X65,^X66,^X67 : 80-87
C9 C8 C7 C6 C5 C4 69 68 0088 133 .BYTE ^X68,^X69,^XC4,^XC5,^XC6,^XC7,^XC8,^XC9 : 88-8F
70 6F 6E 6D 6C 6B 6A CA 0090 134 .BYTE ^XCA,^X6A,^X6B,^X6C,^X6D,^X6E,^X6F,^X70 : 90-97
D0 CF CE CD CC CB 72 71 0098 135 .BYTE ^X71,^X72,^XCB,^XCC,^XCD,^XCE,^XCF,^XD0 : 98-9F
78 77 76 75 74 73 7E D1 00A0 136 .BYTE ^XD1,^X7E,^X73,^X74,^X75,^X76,^X77,^X78 : A0-A7
D7 D6 D5 D4 D3 D2 7A 79 00A8 137 .BYTE ^X79,^X7A,^XD2,^XD3,^XD4,^XD5,^XD6,^XD7 : A8-AF
DF DE DD DC DB DA D9 D8 00B0 138 .BYTE ^XD8,^XD9,^XDA,^XDB,^XDC,^XDD,^XDE,^XDF : B0-B7
E7 E6 E5 E4 E3 E2 E1 E0 00B8 139 .BYTE ^XE0,^XE1,^XE2,^XE3,^XE4,^XE5,^XE6,^XE7 : B8-BF
47 46 45 44 43 42 41 7B 00C0 140 .BYTE ^X7B,^X41,^X42,^X43,^X44,^X45,^X46,^X47 : C0-C7
ED EC EB EA E9 E8 49 48 00C8 141 .BYTE ^X48,^X49,^XE8,^XE9,^XEA,^XEB,^XEC,^XED : C8-CF
50 4F 4E 4D 4C 4B 4A 7D 00D0 142 .BYTE ^X7D,^X4A,^X4B,^X4C,^X4D,^X4E,^X4F,^X50 : D0-D7
F3 F2 F1 F0 EF EE 52 51 00D8 143 .BYTE ^X51,^X52,^XEE,^XEF,^XF0,^XF1,^XF2,^XF3 : D8-DF
58 57 56 55 54 53 9F 5C 00E0 144 .BYTE ^X5C,^X9F,^X53,^X54,^X55,^X56,^X57,^X58 : E0-E7
F9 F8 F7 F6 F5 F4 5A 59 00E8 145 .BYTE ^X59,^X5A,^XF4,^XF5,^XF6,^XF7,^XF8,^XF9 : E8-EF
37 36 35 34 33 32 31 30 00F0 146 .BYTE ^X30,^X31,^X32,^X33,^X34,^X35,^X36,^X37 : F0-F7
```


LIB\$AB_EBC_ASC_REV
1-002

Reversible EBCDIC to ASCII Trans. Table
LIB\$AB_EBC_ASC_REV

K 1

15-SEP-1984 23:58:25
6-SEP-1984 11:05:56

VAX/VMS Macro V04-00
[LIBRTL.SRC]LIBE2AREV.MAR;1

Page 5
(4)

FF FE FD FC FB FA 39 38 00F8 147 .BYTE ^X38,^X39,^XFA,^XFB,^XFC,^XFD,^XFE,^XFF ; F8-FF
0100 148 ;
0100 149 .END

LIB\$AB_EBC_ASC_REV
Symbol table

Reversible EBCDIC to ASCII Trans. Table L 1 15-SEP-1984 23:58:25 VAX/VMS Macro V04-00 Page 6
6-SEP-1984 11:05:56 [LIBRTL.SRC]LIBE2AREV.MAR;1 (4)

LIB\$AB_EBC_ASC_REV

00000000 RG 01

+-----+
! Psect synopsis !
+-----+

PSECT name

Allocation

PSECT No.

Attributes

ABS
LIB\$CODE

00000000 (0.) 00 (0.) NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE
00000100 (256.) 01 (1.) PIC USR CON REL LCL SHR EXE RD NOWRT NOVEC BYTE

+-----+
! Performance indicators !
+-----+

Phase	Page faults	CPU Time	Elapsed Time
Initialization	32	00:00:00.03	00:00:02.46
Command processing	125	00:00:00.28	00:00:02.66
Pass 1	66	00:00:00.45	00:00:04.45
Symbol table sort	0	00:00:00.01	00:00:00.01
Pass 2	41	00:00:00.20	00:00:01.20
Symbol table output	2	00:00:00.00	00:00:00.00
Psect synopsis output	2	00:00:00.01	00:00:00.01
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	270	00:00:00.98	00:00:10.79

The working set limit was 900 pages.
2763 bytes (6 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 1 non-local and 0 local symbols.
149 source lines were read in Pass 1, producing 8 object records in Pass 2.
0 pages of virtual memory were used to define 0 macros.

+-----+
! Macro library statistics !
+-----+

Macro library name

Macros defined

_\$255\$DUA28:[SYSLIB]STARLET.MLB;2

0

0 GETS were required to define 0 macros.

There were no errors, warnings or information messages.

MACRO/ENABLE=SUPPRESSION/DISABLE=(GLOBAL,TRACEBACK)/LIS=LISS:LIBE2AREV/OBJ=OBJ\$:LIBE2AREV MSRC\$:LIBE2AREV/UPDATE=(ENH\$:LIBE2AREV)

0206 AH-BT13A-SE
VAX/VMS V4.0

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